

L Number	Hits	Search Text	DB	Time stamp
-	19	((("5329481") or ("5694071") or ("5874771") or ("5760450") or ("6331467") or ("6355971") or ("6252282") or ("6242762")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/26 06:24
-	3	("4969027").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:11
-	0	6252282.URPN.	USPAT	2002/05/16 08:43
-	7	("3649882" "3707410" "3775192" "4000506" "4006046" "4047217" "4969027").PN.	USPAT	2002/05/16 08:43
-	7	4969027.URPN.	USPAT	2002/05/16 08:44
-	9	("4443931" "4521795" "4605948" "4613887" "4631561" "4641174" "4739386" "4767722" "4823172").PN.	USPAT	2002/05/16 08:45
-	5595	((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:32
-	4716	((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:33
-	141	(((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and (lower with doping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:38
-	39	((((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and (lower with doping)) and diode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:42
-	2729	(((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and semiconductor and region	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:43
-	457	((((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and semiconductor and region) and diode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:43

-	648	(((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and semiconductor and region) and (bipolar adj transistor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:43
-	415	(((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and semiconductor and region) and (bipolar adj transistor)) and doping	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:44
-	80	((((((438/170) or (438/189) or (438/194) or (438/217) or (438/232) or (438/234) or (438/235) or (438/236) or (438/237) or (438/291) or (438/309) or (438/328) or (438/336) or (438/340) or (438/356) or (438/357) or (438/372) or (438/372) or (438/373) or (438/374) or (438/514) or (438/515) or (438/534) or (438/571) or (438/572)).CCLS.) and @ad<=19980209) and semiconductor and region) and (bipolar adj transistor)) and doping) and multiple	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/16 09:44
-	5260	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/19 10:19
-	3677	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565)).CCLS.) and @ad<=19980209	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 10:55
-	19	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565)).CCLS.) and @ad<=19980209) and (multiple with doping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 10:59
-	46	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565)).CCLS.) and @ad<=19980209) and (multiple with implantation doping))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 11:04
-	1019	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565)).CCLS.) and @ad<=19980209) and ((implantation implant implants doping dopant doped dopes) with (depth level))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:13

-	148	(bipolar with transistor) and (depletion with zone)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:14
-	144	((bipolar with transistor) and (depletion with zone)) and @ad<=20010511	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:14
-	7	4969027.URPN.	USPAT	2002/08/23 13:36
-	0	6252282.URPN.	USPAT	2002/08/23 13:37
-	7	("3649882" "3707410" "3775192" "4000506" "4006046" "4047217" "4969027").PN.	USPAT	2002/08/23 13:37
-	14	4006046.URPN.	USPAT	2002/08/23 13:39
-	8	("3575742" "3586548" "3615938" "3719535" "3765963" "3767484" "3839104" "3915767").PN.	USPAT	2002/08/23 13:45
-	18	3915767.URPN.	USPAT	2002/08/23 13:46
-	202875	transistor with ((depletion base) (region zone))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:48
-	18674	transistor with ((depletion base) with (region zone))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:49
-	25469	transistor with ((depletion base diffusion) with (region zone))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:49
-	6639	(transistor with ((depletion base diffusion) with (region zone))) and doping	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:49
-	3881	((transistor with ((depletion base diffusion) with (region zone))) and doping) and bipolar	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 13:50
-	79	((transistor with ((depletion base diffusion) with (region zone))) and doping) and bipolar) and (source drain) and (flux) and (reduced smaller short)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/18 14:46
-	18	5279976.URPN.	USPAT	2002/08/23 14:10
-	6506	clamping with diode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 14:12
-	221	(clamping with diode) and (doping)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 14:13
-	2	("5536958").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/23 14:49
-	3	5536958.URPN.	USPAT	2002/08/23 14:31

-	3	("3798514" "4774560" "5365099").PN.	USPAT	2002/08/23 14:32
-	240	((((438/\$) (257/\$)).ccls.) and ((source with drain) and (clamp with diode)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/26 06:25
-	81	(((((438/\$) (257/\$)).ccls.) and ((source with drain) and (clamp with diode)))) and avalanche	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/26 06:26
-	57	(((((438/\$) (257/\$)).ccls.) and ((source with drain) and (clamp with diode)))) and avalanche) and @ad<=19980209	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/26 06:26
-	1	"4686551".PN.	USPAT	2002/08/26 06:32
-	13	4686551.URPN.	USPAT	2002/08/26 06:33
-	9	("4443931" "4521795" "4605948" "4613887" "4631561" "4641174" "4739386" "4767722" "4823172").PN.	USPAT	2002/08/26 06:47
-	6128	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565) or (438/312) or (438/570) or (438/313) or (438/338)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/19 10:20
-	612	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565) or (438/312) or (438/570) or (438/313) or (438/338)).CCLS.) and (voltage with (control\$3 regulat\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/19 10:22
-	395	((438/167) or (438/169) or (438/170) or (438/173) or (438/174) or (438/181) or (438/194) or (438/202) or (438/224) or (438/233) or (438/234) or (438/282) or (438/305) or (438/306) or (438/307) or (438/381) or (438/332) or (438/338) or (438/369) or (438/372) or (438/373) or (438/374) or (438/376) or (257/526) or (257/560) or (257/565) or (438/312) or (438/570) or (438/313) or (438/338)).CCLS.) and (voltage with (control\$3 regulat\$3))) and @ad<=19980209	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/02/19 10:22
-	15	4452646.URPN.	USPAT	2003/02/19 11:06
-	4	("4038563" "4108686" "4314858" "4372032").PN.	USPAT	2003/02/19 11:07
-	20	("4066473" "4283236" "4431460" "4484388" "4602269" "4740478" "4803175" "4927776" "4933295" "4956305" "4957874" "4962053" "4965216" "4993295" "5006476" "5011784" "5095355" "5101257" "5107321" "5227657").PN.	USPAT	2003/02/19 11:08
-	67	4345265.URPN.	USPAT	2003/02/20 08:20
-	25	5191396.URPN.	USPAT	2003/02/20 08:25
-	70	4345265.URPN.	USPAT	2003/08/14 14:03
-	88	4376286.URPN.	USPAT	2003/08/14 14:12
-	6	5643805.URPN.	USPAT	2003/08/18 13:24
-	1	"5137840".PN.	USPAT	2003/08/18 13:34
-	3	switching with transistor	USPAT; US-PGPUB	2003/08/18 13:47
-	62123	switching with transistor	USPAT; US-PGPUB	2003/08/18 13:47
-	263047	switching with transistor) (first with region	USPAT; US-PGPUB	2003/08/18 13:48

-	8610	(switching with transistor) and (first with region)	USPAT; US-PGPUB	2003/08/18 13:48
-	7263	((switching with transistor) and (first with region)) and (second with region)	USPAT; US-PGPUB	2003/08/18 13:48
-	3105	((switching with transistor) and (first with region)) and (second with region)) and (third with region)	USPAT; US-PGPUB	2003/08/18 13:48
-	4	((switching with transistor) and (first with region)) and (second with region)) and (third with region)) and (dopant with flux)	USPAT; US-PGPUB	2003/08/18 13:59
-	7	("3649882" "3707410" "3775192" "4000506" "4006046" "4047217" "4969027").PN.	USPAT	2003/08/18 13:50
-	1	6252282.URPN.	USPAT	2003/08/18 13:50
-	3	("4593305" "5489799" "6252282").PN.	USPAT	2003/08/18 13:50
-	20	4047217.URPN.	USPAT	2003/08/18 13:51
-	14	4006046.URPN.	USPAT	2003/08/18 13:56
-	4	"pn clamping diode"	USPAT; US-PGPUB	2003/08/18 14:07
-	160	(438/328).CCLS.	USPAT; US-PGPUB	2003/08/18 14:27
-	4	3226614.URPN.	USPAT	2003/08/18 14:39
-	3	4046609.URPN.	USPAT	2003/08/18 14:40
-	3	4046609.URPN.	USPAT	2003/08/18 14:40
-	90	((transistor with ((depletion base diffusion) with (region zone))) and doping) and bipolar) and (source drain) and (flux) and (reduced smaller short)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/18 14:47
-	9	("4101922" "4128439" "4400711" "4605980" "4734752" "4990976" "5019888" "5162888" "5371395").PN.	USPAT	2003/08/18 14:50
-	5	5907174.URPN.	USPAT	2003/08/18 14:51
-	24	("4400711" "4470191" "4972247" "5262344" "5416351" "5440163" "5504362" "5517049" "5535086" "5545572" "5572394" "5589415" "5620920" "5631793" "5637900" "5734186" "5814538" "5814866" "5838033" "5841169" "5891792" "5907174" "5918127" "5982003").PN.	USPAT	2003/08/18 14:51
-	235	schottky with clamping with diode	USPAT; US-PGPUB	2003/08/19 07:29
-	0	(schottky with clamping with diode) and collector and base and amitter	USPAT; US-PGPUB	2003/08/19 07:29
-	180	(schottky with clamping with diode) and collector and base and emitter	USPAT; US-PGPUB	2003/08/19 07:55
-	47	((schottky with clamping with diode) and collector and base and emitter) and switching with time	USPAT; US-PGPUB	2003/08/19 07:55
-	10	3909837.URPN.	USPAT	2003/08/19 07:37
-	3	4333100.URPN.	USPAT	2003/08/19 07:38
-	12613	clamp\$3 with diode	USPAT; US-PGPUB	2003/08/19 07:55
-	5811	(clamp\$3 with diode) and collector and base and emitter	USPAT; US-PGPUB	2003/08/19 07:55
-	1677	((clamp\$3 with diode) and collector and base and emitter) and switching with time	USPAT; US-PGPUB	2003/08/19 07:56
-	42	((clamp\$3 with diode) and collector and base and emitter) and switching with time) and (ion with implant\$5)	USPAT; US-PGPUB	2003/08/19 07:56
-	8	4739386.URPN.	USPAT	2003/08/19 08:00
-	9	4954865.URPN.	USPAT	2003/08/19 08:03
-	9	5072285.URPN.	USPAT	2003/08/19 08:08
-	7	("4682202" "4825274" "4829200" "4868626" "4868628" "4907059" "4954865").PN.	USPAT	2003/08/19 08:10
-	8	4907059.URPN.	USPAT	2003/08/19 08:12
-	4	5031020.URPN.	USPAT	2003/08/19 08:13
-	3	("4825274" "4868135" "4907059").PN.	USPAT	2003/08/19 08:14
-	15	4825274.URPN.	USPAT	2003/08/19 08:14
-	29	5191396.URPN.	USPAT	2003/08/19 08:47
-	16	4908324.URPN.	USPAT	2003/08/19 08:48
-	13	4971921.URPN.	USPAT	2003/08/19 08:57

-	10	5208171.URPN.	USPAT	2003/08/19 08:59
-	5	("4752589" "4806499" "4879255" "4962052" "4971921").PN.	USPAT	2003/08/19 09:01
-	3433	((438/350) or (438/for.165) or (438/for.166) or (257/565) or (257/592) or (257/e29.044) or (257/e29.144)), CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/21 09:22
-	76	((((438/350) or (438/for.165) or (438/for.166) or (257/565) or (257/592) or (257/e29.044) or (257/e29.144)), CCLS.) and dopant with profile	USPAT; US-PGPUB	2003/08/21 09:23
-	1	4225874.URPN.	USPAT	2003/08/21 09:30
-	18	5279976.URPN.	USPAT	2003/08/21 09:30
-	356	((((438/350) or (438/for.165) or (438/for.166) or (257/565) or (257/592) or (257/e29.044) or (257/e29.144)), CCLS.) and profile	USPAT; US-PGPUB	2003/08/21 09:33